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Science Abstracts Series A
January–June 1973

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SIX-MONTHLY INDEXES TO SCIENCE ABSTRACTS

Cumulative indexes to Science Abstracts are published twice a year covering the period January-June and July-December. They comprise author and subject indexes and some specialised or 'small' indexes. For Physics Abstracts and Electrical & Electronics Abstracts the Author Index and Subject Index are published as separate volumes. In this case the Small Indexes are included in the Author Index volume.

Author index

This lists in alphabetical order all authors of papers abstracted in the abstracts journal during the six months covered by the index, together with the title of the paper. Where there are co-authors of a paper the title of the paper is given only under the name of the first author. The serial number of the paper in the abstracts journal is in the form 3–12345, ie 1973—abstract no. 12345.

'Small' indexes

These are specialised indexes which allow the user to find quickly particular types of information which might be difficult to find using the subject or author indexes.

Bibliography index

In this index reference is made to articles which contain a significant list of references or biliography on the subjects listed.

Book index

This gives details of books received and abstracted by the abstracts journal.

Patent and Report indexes

These give details of those reports or patents which have been abstracted in the abstracts journal during the past six months.

Conference index

This index lists conferences for which published proceedings have been received and abstracted. Reference is given to the individual papers and their serial numbers in the abstracts journal.

Subject index

The Subject index provides an alphabetical subject key to the articles included in the abstracts journal. Some general guidance on its use is given below:

1. Look in the index for the name of the specific subject in which you are interested. In most cases this name will be a heading in the index and you will find relevant articles listed under it.

2. Occasionally you will be directed from the subject heading chosen to a different heading under which the relevant or additional articles are listed.

3. If you do not find the subject heading you first choose, try a more general heading.

4. Each entry under the heading relates to an article appearing in the abstracts journal and gives the serial number of that article in the journal preceded by the last digit of the current year, eg 3—12345: ie Abstract number 12345 in the abstracts journal for 1973.

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Errata for Jan-June 1973

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Arbok for Universitetet i Bergen, Matematisk-naturvetenskapelig Serie University of Bergen. Distribution address: Box 307, Blindern, Oslo 3, Norway

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ABU Technical Review Asian Broadcasting Union, NHK Building, 2-3 Uchisaiwai-cho, 2-chome, Chiyoda-ku, Tokyo 100, Japan

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Accountant 151 Strand, London, WC2R 1JJ, England

ACEC Rev. (Belgium)
ACEC Review Ateliers de Constructions Electriques de Charleroi, Avenue Emile Rousseau, Marcinelle-Charleroi, Belgium

Achats & Entretien Mater. Ind. (France)
Achats et Entretien du Materiel Industriel 13 Rue de Liege, Paris 9, France

Acqua (Italy)
L'Acqua Associazione Idrotecnica Italiana, Via dei Sabini 7, 00187 Roma, Italy

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Acta Astronomica ARS Polona-Ruch, Warszawa 1, P.O. Box 154, Poland

Acta Cient. (Argentina)
Acta Cientifica Instituto de Investigaciones Cientificas y Tecnicas de las Fuerzas Armadas (CITEFA), Tres de Febrero 1250, San Martin, Buenos Aires, Argentina

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Acta Crystallographica Section A: Crystal Physics, Diffraction, Theoretical and General Crystallography Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Copenhagen K, Denmark

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Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Copenhagen K, Denmark

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Acta Electronica 3 Avenue Descartes, BP 15, 94 Limeil-Brevannes, (Val de-Marne), France

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Acta Geophysica Polonica Export-Import Enterprise 'RUCH', ul. Wilcza 46, Warszawa 1, Poland

Acta Inf. (Germany)
Acta Informatica Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany

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Acta Manilana. Series A University of Santo Tomas Research Centre, Manila, Philippines

Acta Mech. (Austria)
Acta Mechanica Springer-Verlag, Molkerbastei 5, 1010 Wien, Austria

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Acta Metallurgica Box 1088 Schenectady, NY. Publisher: Pergamon Press, Maxwell House, Fairview Park, Elmsford, N.Y. 10523, USA

Acta Mex. Cienc. & Tecnol. (Mexico)
Acta Mexicana de Ciencia y Tecnologia Consejo Editorial del Instituto Politecno Nacional, Prolongacion de Diaz Miron y Plan de San Luis, Mexico 17, D.F., Apartado Postal 42-61, Mexico

Acta Phys. & Chem. Szeged (Hungary)
Acta Physica et Chemica (Acta Universitatis Szegediensis) Szegedi Tudomanyegyetem Termeszettudomanyi Kara, Aradi Vertanuk Tere 1, Szeged, Hungary

Acta Phys. Acad. Sci. Hung. (Hungary)
Acta Physica Academiae Scientiarum Hungaricae Postafiok 24, Budapest 502. Subscription address: 'Kultura', Foreign Trade Company for Books and Newspapers, Fo utca 32, Budapest 1, Hungary

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Acta Physica Austriaca Springer-Verlag, A-1011 Wien, Molkerbastei 5, Postfach 367, Austria

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Acta Physica Polonica A Polska Akademia Nauk, Export and Import Enterprises 'Ruch', ul. Wilcza 46, Warszawa, Poland

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Acta Physica Polonica B Polska Akademia Nauk, Export and Import Enterprise 'Ruch' ul. Wilcza 46, Warszawa, Poland

Acta Phys. Slovaca (Czechoslovakia)
Acta Physica Slovaca Formerly: *Fyz. Cas. (Czechoslovakia)* Publishing House of the Slovak Academy of Sciences. Subscription address: PNS, Bratislava, Gottwaldovo nam. 48/VII, Czechoslovakia

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Acta Polytechnica Scandinavica Publication address: P.O. Box 5073, S-102 42 Stockholm 5, Sweden

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Acta Technica Academiae Scientiarum Hungaricae Magyar Tudomanyos Akademia, Alkotmany utca 21, Budapest 5, Hungary

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ADL-Nachr. (Germany)
ADL-Nachrichten 23 Kiel 14, Boldhorn 1a, Germany

Adv. Appl. Probab. (GB)
Advances in Applied Probability University of Sheffield, Department of Probability and Statistics, Sheffield, S3 7RH, England

Adv. At. & Mol. Phys. (USA)
Advances in Atomic and Molecular Physics Academic Press, 111 Fifth Avenue, New York, N.Y. 10003, USA

Adv. Phys. (GB)
Advances in Physics Taylor & Francis, Cannon House, 10-14 Macklin Street, London, WC2B 5NF, England

Adv. Polym. Sci. (Germany)
Advances in Polymer Science (Fortschritte der Hochpolymeren Forschung) Springer-Verlag, 1000 Berlin 33, Heidelberger Platz 3, Germany

Advance (GB)
Advance University of Manchester, Bureau of Industrial Liaison, P.O. Box No. 88, Sackville Street, Manchester 1, England

AECL Res. & Dev. Eng. (Canada)
AECL Research and Development in Engineering Formerly: *AECL Res. Eng. (Canada)* Atomic Energy of Canada Ltd., Chalk River Nuclear Laboratories, Chalk River, Ontario, Canada

AECL Res. Eng. (Canada)
AECL Research in Engineering Title changed to: *AECL Res. Eng. (Canada)*

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AEDS Journal Association for Educational Data Systems, 1201 16th Street, N.W., Washington, D.C. 20036, USA

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Aeronautical Quarterly Royal Aeronautical Society 4 Hamilton Place, London, W1V OBO, England

Aerotec. Missili & Spazio (Italy)
L'Aerotecnica Missili e Spazio Via Stradivari, 10-20131 Milano, Italy

Agric. Eng. (USA)
Agricultural Engineering American Society of Agricultural Engineers, 2950 Niles Road, St. Joseph, Mich. 49085, USA

AIAA J. (USA)
AIAA Journal American Institute of Aeronautics and Astronautics, 190 Avenue of the Americas, New York, N.Y. 10019, USA

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Algorytmy (Poland)
Algorytmy Instytut Maszyn Matemathcznych, Warszawa, Poland

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Alta Frequenza Associazione Elettrotecnica ed Elettronica Italiana, Via San Paolo 10, 20121 Milano, Italy

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American Educational Research Journal American Educational Research Association, 1126 Sixteenth Street N.W., Washington, D.C. 20036, USA

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American Journal of Science Kline Geology Laboratory, Yale University, Box 2161, New Haven, Conn. 06520, USA

Am. Mineral. (USA)
American Mineralogist Mineralogical Society of America, 2201 M Street, N.W., Washington, D.C. 20037, USA

Am. Sci. (USA)
American Scientist Society of Sigma Xi, 155 Whitney Avenue, New Haven, Conn. 06510, USA

An. Acad. Bras. Cienc. (Brazil)
Anais da Academia Brasileira de Ciencias Caixa Postal 229, ZC-00 Rio de Janeiro gb, Brazil

An. Fis. (Spain)
Anales de Fisica Real Sociedad Espanola de Fisica y Quimica (Facultad de Ciencias), Ciudad Universitaria, Madrid-3, Spain

An. Mec. & Electr. (Spain)
Anales de Mecanica y Electricidad Reina 31, Madrid-4, Spain

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Analytical Chemistry American Chemical Society, 1155 Sixteenth Street N.W., Washington, D.C. 20036, USA

Angew. Elektron. Mess & Regeltech. (Germany)
Angewandte Elektronik, Mess & Regeltechnik Sprechsaal-Verlag, 8630 Coburg, Mauer 2, P.O. Box 401, Germany

Angew. Inf. (Germany)
Angewandte Informatik (Applied Informatics) Friedr. Vieweg & Sohn, 3300 Braunschweig, Burgplatz 1, Postfach 185, Germany

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Annales Academiae Scientiarum Fennicae, Series AI (Mathematica) Vanrikki Stoolinkatu 11b, Helsinki 10, Finland

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Antenna (Italy)
L'Antenna Via Monte Generoso 6/a, 20155 Milano, Italy

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Antriebstechnik Krausskopf-Verlag, 65 Mainz, Postfach 2760, Lessingstrasse 12-14, Germany

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APL Tech. Dig. (USA)
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Aplikace Matematiky Vodickova 40, Praha 1 - Nove Mesto, Czechoslovakia

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Applied Acoustics Elsevier Publishing Co. Ltd., Ripple Road, Barking, Essex, England

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Applied Physics Quartley Association of Applied Physicists, 92 Acharya Prafulla, Chandra Road, Calcutta-9, India

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Archiwum Automatyki i Telemechanika Polska Akademia, Nauk, Zaklad Automatyki. Subscription address: CKPW 'Ruch', ul Wilcza 46, Warszawa 1, Poland

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Archiv fur Eisenbahntechnik Hestra-Verlag, 61 Darmstadt, Holzhofallee 33,, Germany

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Archiv fur Elektrotechnik Springer-Verlag, Heidelberger Platz 3, D-1 Berlin 33, Germany

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Archiwum Elektrotechniki Polska Akademia Nauk, Warszawa, ul Koszykowa 75. Subscription address: Export-Import Enterprise 'Ruch', ul. Wronia 23, Warszawa 1, Poland

Arch. Hutn. (Poland)
Archiwum Hutnictwa Export-Import Enterprise 'Ruch', ul. Wilcza 46, Warszawa 1, Poland

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Archiwum Mechaniki Stosowanej EXRIM-RUCH-46, Wronia 23 st., Warszawa, Poland

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Ark. Astron. (Sweden)
Arkiv for Astronomi Kungliga Svenska Vetenskaps-akademien, 10405, Stockholm 50. Subscription address: Almqvist & Wiksell, Gamla Brogatan 26, Stockholm, Sweden

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Association of the Hungarian Telecommunication Industry KGM MTTI, Budapest IV, Gellert u. 12, Hungary

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Astrofizika Academy of the Armenian SSR, Erevan, USSR [English translation in: *Astrophysics (USA)*]

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Astronomy & Space David & Charles, South Devon House, Newton Abbot, Devon, England

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Astronomical Herald Astronomical Society of Japan, Tokyo Astronomical Observatory, Oosawa Mitaka, Tokyo, Japan

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Atom und Strom Vereinigung Deutscher Elektrizitatswerke, Verlags-u. Wirtschaftsgesellschaft der Elektrizitatswerke, Stresemannallee 23, 6000 Frankfurt (Main) 70, Germany

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Atomwirtschaft-Atomtechnik Walter Betz, 4 Dusseldorf 1, Hendelsblathaus, Kreuzstrasse 21, Germany

Atoomenerg. Toepass. (Netherlands)
Atoomenergie en haar Toepassingen Reactor Centrum Netherlands, Scheveningseweg 112, Den Haag, Netherlands

Atti Accad. Ligure Sci. & Lett. (Italy)
Atti della Accademia Ligure di Scienze e Lettere Palazzo Reale, Via Balbi 10, 16126 Genova, Italy

Atti Accad. Naz. Lincei, Rend. Cl. Sci. Fis. Mat. & Nat. (Italy)
Atti della Accademia Nazionale dei Lincei. Rendiconti, Classe di Scienze Fisiche, Matematiche e Naturali Via della Lungara 10, 000165 Roma, Italy

Atti Accad. Sci. Torino I (Italy)
Atti della Accademia delle Scienze di Torino. I. Classe di Scienze Fisiche, Mathematiche e Naturali Via Accademia delle Scienze 6, Via Maria Vittoria 3, Torino (208), Italy

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Atti della Fondazione Giorgio Ronchi e Contributi dell' Istituto Nazionale di Ottica Via S.Leonardo 79, Arcetri-Firenze, Italy

Atti Semin. Mat. & Fis. Univ. Modena (Italy)
Atti del Seminario Matematico e Fisico dell' Universita di Modena Modena, Italy

Atti Soc. Astron. Ital. (Italy)
Atti Societa Astronomica Italiana Via Brera 28, Milano, Italy

Atti Soc. Peloritana Sci. Fis. Mat. & Nat. (Italy)
Atti della Societa Peloritana di Scienze Fisiche Mathematiche e Naturali Universita di Messina, Messina, Italy

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Audiovisual Instruction 1201 16th Street N.W., Washington, D.C. 20036, USA

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Australian Journal of Physics Commonwealth Scientific and Industrial Research Organization, Sixth Floor, 372 Albert Street, East Melbourne, Victoria 3002, Australia

Aust. Telecommun. Res. (Australia)
Australian Telecommunication Research Telecommunication Society of Australia Box 4050, GPO, Melbourne 3001, Victoria, Australia

Autom. & Autom. (Italy)
Automazione e Automatismi Istituto per l'Automazione, Via Tiziano 19, 20145 Milano, Italy

Autom. & Electron. (Rumania)
Automatica si Electronica Str. Ion Ghica 3, Bucuresti, Rumania

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Automatique & Informatique Industrielles Societe des Editions Radio, 9 Rue Jacob, Paris-6, France

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Automation and Remote Control [Translation of: *Avtom. & Telemekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, N.Y. 10011, USA

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Automazione e Strumentazione Associazione Nazionale Italiana per l'Automazione, Via Marcona 49, 20129 Milano, Italy

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Automatie Keizersgracht 158, Amsterdam, Netherlands

Automatik (Germany)
Automatik Dr. Alfred Huhtig Verlag GmBH, Wilkensstrasse 3/5, Postfach 727, 6900 Heidelberg 1, Germany. Now incorporated with Mess. & Pruef. (Germany)

Automatika (Yugoslavia)
Automatika Titova 48, Ljubljana, Yugoslavia

Automation (GB)
Automation E.D. Publications Ltd., 120 Wigmore Street, London, W1H OAS, England

Automation (USA)
Automation Penton Publishing Co., Penton Building, Cleveland, Ohio 44113, USA

Automatisierungspraxis (Germany)
Automatisierungspraxis fur Grundlagen, Geratebau und Betriebserfahrungen Issued with: *Mess. Steuern Regeln (Germany)*

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Automatisme Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France

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Automatizace Publishers of Technical Literature, Spalena ul. 51, Praha 1, Czechoslovakia

Avh. Nor. Vidensk.-Akad. Oslo I (Norway)
Avhandlingar utgitt av det Norske Videnskaps-Akademi i Oslo, I. Mathematisk-Naturvidenskaplige Klasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway

Aviat. Rev. (GB)
Aviation Review Smiths Industries, Kelvin House, Wembley Park Drive, Wembley, Middx, England

Avtom. & Telemekh. (USSR)
Avtomatika i Telemekhanika Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, USSR [English translation in: *Autom. & Remote Control (USA)*]

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Avtomatika i Vychislitel'naya Tekhnika Academy of Sciences of Latvian SSR, Riga, USSR

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Avtomaticheskaya Svarka Ukrainian SSR Academy of Sciences, Arc Welding Institute, Kiev, USSR [English translation in: *Autom. Weld. (GB)*]

Avtom. Telemekh. Svyaz (USSR)
Avtomatika, Telemekhanika, Svyaz' 262 Karl Marx Street, 11 Moskva, USSR

Avtomatika (USSR)
Avtomatika Institution of Cybernetics, 102 Brest-Litovskii Prosp., Kiev 57, USSR [English translation in: *Sov. Autom. Control (USA)*]

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Avtometriya Science Publishing House, Siberian Division, Novosibirsk, USSR

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BBC Engineering British Broadcasting Corporation Publications, 35 Marylebone High Street, London, W1M 4AA, England

BBC Nachr. (Germany)
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Beck Isoliertech. (Germany)
Beck Isoliertechnik Dr. Beck & Co. AG, 2 Hamburg 28, Postfach 280180, Eiselensweg 5-11, Germany

Bedrijf & Tech. (Netherlands)
Bedrijf & Techniek NV Uitgeversgemaatschappij Diligentia, Tesselschadestraat 18-20-22, Amsterdam, Netherlands

Behav. Sci. (USA)
Behavioral Science Mental Health Research Institute, University of Michigan, Ann Arbor, Mich. 48104, USA

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Beitrage zur Linguistik und Informationsverarbeitung R. Oldenbourg Verlag, Munchen, Germany

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Communications Designers Digest Title changed to: *Commun. Equip. & Syst. Des. (USA)*

Commun. Dublin Inst. Adv. Stud. A (Ireland)
Communications of the Dublin Institute for Advanced Studies. Series A School of Theoretical Physics, 10 Burlington Road, Dublin 4, Ireland

Commun. Equip. & Syst. Des. (USA)
Communications Equipment & Systems Design Formerly: *Commun. Des. Dig. (USA)* Communication Trends Inc., 181 South Franklin Avenue, Valley Stream, N.Y. 11581, USA

Commun. Lunar & Planet. Lab. (USA)
Communications of the Lunar and Planetary Laboratory University of Arizona, Tucson, Ariz. 85721, USA

Commun. Math. Phys. (Germany)
Communications in Mathematical Physics Springer-Verlag, Postfach 1780, 6900 Heidelberg 1, Germany

Commun. Sci. & Tech. Inf. (GB)
Communicator of Scientific and Technical Information Formerly: *Commun. Tech. Inf. (GB)* Institute of Scientific and Technical Communicators Ltd., 17 Blueridge Avenue, Brookmans Park, Hatfield, Herts, England

Commun. Tech. Inf. (GB)
Communicator of Technical Information Title changed to: *Commun. Sci. & Tech. Inf. (GB)*

Communications (USA)
Communications Communications Publishing Co., 1900 West Yale, Englewood, Colo. 80110, USA

Commutat. & Electron. (France)
Commutation et Electronique SOCOTEL, 38-40 Rue du General Leclerc, 92-Issy les Moulineaux, France

Component Technol. (GB)
Component Technology Plessey, Ilford, Essex, England

Composites (GB)
Composites IPC Science and Technology Publications Ltd., IPC House, 32 High Street, Guildford, Surrey, England

Comput. & Autom. (USA)
Computers and Automation 815 Washington Street, Newtonville, Mass. 02160, USA

Comput. & Biomed. Res. (USA)
Computers and Biomedical Research Academic Press, 111 Fifth Avenue, New York, N.Y. 10003, USA

Comput. & Fluids (GB)
Computers & Fluids Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 OBW, England

Comput. & Hum. (USA)
Computers and the Humanities Queens College of the City University of New York, Flushing, N.Y. 11367, USA

Comput. & Struct. (GB)
Computers and Structures Pergamon Press, Headington Hill Hall, Oxford, OX3 OBW, England

Comput. Aided Des. (GB)
Computer Aided Design IPC Science and Technlogy Press. IPC House, 32 High Street, Guildford, Surrey, England

Comput. Appl. Nat. & Soc. Sci. (GB)
Computer Applications in the Natural & Social Sciences c/o Geography Department, The University, Nottingham NG7 2RD, England

Comput. Appl. Serv. (USA)
Computer Applications Service American Data Processing, Inc., 19830 Mack Avenue, Detroit, Mich. 48236, USA

Comput. Biol. & Med. (GB)
Computers in Biology and Medicine Pergamon Press, Headington Hill Hall, Oxford, OX3 OBW, England

Comput. Bull. (GB)
Computer Bulletin British Computer Society, 29 Portland Place, London, W1N 4AP, England

Comput. Contrib. (USA)
Computer Contributions Kansas Geological Survey, University of Kansas, Lawrence, Kansas 66044, USA

Comput. Decis. (USA)
Computer Decisions Hayden Publishing Co., 50 Essex Street, Rochelle Park, N.J. 07662, USA

Comput. Des. (USA)
Computer Design P.O. Box A, Winchester, Mass. 01890, USA

Comput. Educ. (GB)
Computer Education Enfield College of Technology, Queensway, Enfield, Middlesex, England

Comput. Group News (USA)
Computer Group News Institute of Electrical & Electronics Engineers, 345 East 47th Street, New York, N.Y. 10017, USA

Comput. Inf. (GB)
Computer Information Aslib Computer Information Group, 3 Belgrave Square, London, SW1, England. Editorial address: Alan Pritchard, c/o National Computing Centre Ltd., Quay House, Quay Street, Manchester M3 3HU

Comput. J. (GB)
Computer Journal British Computer Society, 29 Portland Place, London, W1N 4AP, England

Comput. Manage. (GB)
Computer Management Special Interest Publications, 196 Shaftesbury Avenue, London, WC2H 8JL, England

Comput. Methods Appl. Mech. & Eng. (Netherlands)
Computer Methods in Applied Mechanics and Engineering North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands

Comput. Phys. Commun. (Netherlands)
Computer Physics Communications North-Holland Publishing Co., P.O. Box 3489 Amsterdam-C, Netherlands

Comput. Praxis (Germany)
Computer Praxis Verlag R. Oldenbourg, Rosenheimer Strasse 145, 8000 Munchen 80,, Germany

Comput. Programs Biomed. (Netherlands)
Computer Programs in Biomedicine North-Holland Publishing Co., P.O.Box 3489, Amsterdam-C, Netherlands

Comput. Rep. (USA)
Computing Report International Business Machines Corp., Data Processing Division, 1133 Westchester Avenue, White Plains, N.Y. 10604, USA

Comput. Stud. Hum. & Verbal Behav. (Netherlands)
Computer Studies in the Humanities and Verbal Behavior Mouton and Co., P.O. Box 1132, Den Haag, Netherlands

Comput. Surv. (GB)
Computer Survey United Trade Press, 42/43 Gerrard Street, London, W1V 7LP, England

Comput. Surv. (USA)
Computing Surveys Association for Computing Machinery, 1133 Avenue of the Americas, New York, N.Y. 10036, USA

Comput. Wkly. (GB)
Computer Weekly IPC Business Press Ltd., 40 Bowling Green Lane, London, EC1, England

Comput. Wkly. Int. (GB)
Computer Weekly International Issued with: *Comput. Wkly. (GB)*

Computer (USA)
Computer Computer Society of the Institute of Electrical and Electronic Engineers. 8949 Reseda Boulevard, Suite 202, Northridge, Calif. 91324, USA

Computing (Austria)
Computing Springer-Verlag, Molkerbastei 5, 1010 Wien, Austria

COMSAT Tech. Rev. (USA)
COMSAT Technical Review Communications Satellite Corp., 950 L'Enfant Plaza, S.W., Washington, D.C. 20024, USA

Comunicaciones (Cuba)
Comunicaciones Centro de Informacion de Comunicaciones, Ministerio de Comunicaciones, Habana, Cuba

Contemp. Phys. (GB)
Contemporary Physics Taylor and Francis, Cannon House, 10-14 Macklin Street, London, WC2B 5NF, England

Contr. Eng. (USA)
Control Engineering Reuben H.Donnelly Corp., 466 Lexington Avenue, New York, N.Y. 10017, USA

Contrib. Geophys. Inst. Kyoto Univ. (Japan)
Contributions of the Geophysical Institute, Kyoto University Formerly: *Spec. Contrib. Geophys. Inst. Kyoto Univ. (Japan)* Kyoto, Japan

Contrib. Inst. Low Temp. Sci. A (Japan)
Contributions from the Institute of Low Temperature Sciences, Series A Hokkaido University, Sapporo, Japan

Control & Instrum. (GB)
Control & Instrumentation Morgan-Grampian (Publishers) Ltd., 28 Essex Street, Strand, London, WC2, England

Control Cibern. & Autom. (Cuba)
Control Cibernetica y Automatizacion Academie de Ciencias de Cuba, Paseo No. 452, Vedado, Apartado Postal No. 4019, Habana, Cuba

Controller (Germany)
The Controller International Federation of Air Traffic Controllers' Associations, S.C. 11, 6 Frankfurt am Main 60 Bornheimer Landwehr 57a, Germany

Copper (GB)
Copper Copper Development Association, 55 South Audley Street, London, W1Y 6BJ, England

Corros. Sci. (GB)
Corrosion Science Pergamon Press, Headington Hill Hall, Oxford, OX3 OBW, England

Corrosion (USA)
Corrosion National Association of Corrosion Engineers, 2400 West Loop South, Houston, Tex. 77027, USA

Cosmic Electrodyn. (Netherlands)
Cosmic Electrodynamics D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands

Cosmic Res. (USA)
Cosmic Research [Translation of: *Kosm. Issled. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, N.Y. 10011, USA

Cost & Manage. (Canada)
Cost and Management Society of Industrial Accountants of Canada, Box 176, 154 Main Street, Hamilton, Ontario, Canada

Courr. Norm. (France)
Courrier de la Normalisation Association Francaise de Normalisation, 23 rue Notre-Dame-des-Victoires, Paris 2, France

CQ Radio Amat. J. (USA)
CQ Radio Amateur's Journal 14 Vanderventer Avenue, Port Washington, Long Island, N.Y. 11050, USA

Crit. Rev. Solid State Sci. (USA)
Critical Reviews in Solid State Sciences Chemical Rubber Co., 18901 Cranwood Parkway, Cleveland, Ohio 44128, USA

Cryog. & Ind. Gases (USA)
Cryogenics and Industrial Gases Business Communications Inc., 2800 Euclid Avenue, Cleveland, Ohio 44115, USA

Cryogenics (GB)
Cryogenics Iliffe Science and Technical Publications, Iliffe House, 32 High Street, Guildford, Surrey, England

Cryst. Lattice Defects (GB)
Crystal Lattice Defects Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England

Cryst. Struct. Commun. (Italy)
Crystal Structure Communications c/o Istituto di Chimica Generale della Universita di Parma, Via M D'Azeglio 85, 43100 Parma, Italy

Curr. Sci. (India)
Current Science Current Science Association, Raman Research Institute, Bangalore 6, India

Cybernetica (Belgium)
Cybernetica International Association for Cybernetics, Place Andre Rijckmans, Namur, Belgium

Cybernetics (USA)
Cybernetics [Translation of: *Kibernetika (USSR)*] Consultants Bureau, 227 West 17th Street, New York, N.Y., 10011, USA

Czech. Heavy Ind. (Czechoslovakia)
Czechoslovak Heavy Industry RAPID, 13 ul. 28 rijna, Praha 1, Czechoslovakia

Czech. J. Phys. B (Czechoslovakia)
Czechoslovak Journal of Physics, Section B Czechoslovak Academy of Science, Akademia, Vodickova 40, Praha 1, Czechoslovakia

Daedalus (USA)
Daedalus (Proceedings of the American Academy of Arts and Sciences 280 Newton Street, Brookline Station, Boston, Mass. 02146, USA

Dainichi-Nippon Cables Rev. (Japan)
Dainichi-Nippon Cables Review Dainichi-Nippon Cables Ltd., Umeda Bldg., 7-3 Umeda, Kita-ku, Osaka, Japan

Danfoss J. (Denmark)
Danfoss Journal Danfoss Manufacturing Co., Nordborg, Denmark

Data (Netherlands)
Data Vereniging van Technisch Hoger Personeel der PTT, Van Hoornbeekstraat 36, 's, Gravenhage, Netherlands

Data Base (USA)
Data Base Association of Computing Machinery, 1133 Avenue of the Americas, New York, N.Y. 10036, USA

Data Manage. (USA)
Data Management Data processing Management Association, 505 Busse Highway, Park Ridge, Ill. 60068, USA

Data Process. Dig. (USA)
Data Processing Digest 6820 La Tijera Boulevard, Los Angeles, Calif. 90045, USA

Data Process. Educ. (USA)
Data Processing for Education Computer Digest, 1309 Cherry Street, Philadelphia, Pa. 19107, USA

Data Process. Mag. (USA)
Data Processing Magazine North American Publishing Co., 134 North Thirteenth Street, Philadelphia, Pa.19107, USA

Data Process. Mag. Data Dyn. (USA)
Data Processing Magazine's Data Dynamics North American Publishing Co., 134 North Thirteenth Street, Philadelphia, Pa. 19107, USA

Data Processing (GB)
Data Processing IPC Electrical-Electronic Press, Dorset House, Stamford Street, London, SE1, England

Data Processor (USA)
Data Processor Data Processing Division, International Business Machines Corp., 112 East Post Road, White Plains, N.Y. 10601, USA

Data Rep. (Germany)
Data Report Siemens AG, 8000 Munich 25, Hofmannstrasse 43, Germany

Data Syst. (GB)
Data Systems Business Publications Ltd., Mercury House, Waterloo Road, London, SE1, England

Datamation (USA)
Datamation 94 S. Los Robles Ave., Pasadena, Ca.91101, USA

Dawe Dig. (GB)
Dawe Digest Dawe Instruments Ltd., Concord Road, London, W3, England

Decuscope (USA)
Decuscope Digital Equipment Corp., 146 Main Street Maynard, Mass. 01754, USA

Deep-Sea Res. (GB)
Deep-Sea Research Pergamon Press, Headington Hill Hall, Oxford, OX3 OBW, England

Def. Sci. J. (India)
Defence Science Journal Metcalf House, New Delhi 6, India

Des. Electron. (GB)
Design Electronics IPC Electrical-Electronics Press, Dorset House, Stamford Street, London, SE1, England

Des. Eng. (GB)
Design Engineering Morgan-Grampian (Publishers) Ltd., 28 Essex Street, Strand, London, WC2, England

Des. News (USA)
Design News Rogers Publishing Co., 270 St. Paul Street, Denver, Colo. 80206, USA

Desalination (Netherlands)
Desalination Elsevier Publishing Co., P.O. Box 211, Amsterdam, Netherlands

Direct Curr. & Power Electron. (GB)
Direct Current and Power Electronics Wynn Williams (Publishers) Ltd., Centenary Buildings, King Street, Wrexham, Wales

DISA Inf. (Denmark)
Danske Industri Syndikat A/S Information DISA Elektronik A/S, Herlev, Denmark

Discrete Math. (Netherlands)
Discrete Mathematics North-Holland Publishing Co., P.O. Box 3489, Amsterdam-C, Netherlands

Discuss. Faraday Soc. (GB)
Discussions of the Faraday Society 6 Gray's Inn Square, London, WC1, England

Documentaliste (France)
Documentaliste A.D.B.S., 61 rue du Cardinal-Lemoine, Paris 5, France

Dokl. Akad. Nauk SSSR
Doklady Akademii Nauk SSSR Leninskii Prosp. 14, Moskva, USSR [English translations of selected articles in:*Sov. Phys.-Dokl. (USA)*]

Dopov. Akad. Nauk UkRSR. Ser. A (USSR)
Dopovidi Akademii Nauk Ukrains'koi RSR. Seriya A Fiziko-Tekhnichni ta Matematichni Nauki Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR

Dtsch. Eisenbahntech. (Germany)
Deutsche Eisenbahntechnik Title changed to: *Eisenbahntechnik (Germany)*

Dyna (Spain)
Dyna Associacion Nacional de Ingenieros Industriales de Espana, 3 Navarra-1-1°, Bilbao, Apartado 646, Spain

E Qual. (Netherlands)
E Quality European Organisation for Quality Control, P.O. Box 299, Kruisplein 1-11, Rotterdam 3, Netherlands

Earth & Extraterr. Sci. (GB)
Earth and Extraterrestrial Sciences Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England

Earth & Planet. Sci. Lett. (Netherlands)
Earth and Planetary Science Letters North-Holland Publishing Co., P.O. Box 3489, Amsterdam-C, Netherlands

EBU Rev. A (Belgium)
EBU Review, Part A (Technical) Technical Centre of the European Broadcasting Union, 32 Avenue Albert Lancaster, Bruxelles 18, Belgium

Echo Rech. (France)
L'Echo des Recherches Centre National d'Etudes des Telecommunications, 38/40 rue du General Leclerc, 92-Issy-les-Molineaux, France

Econ. Comput. & Econ. Cybern. Stud. & Res. (Rumania)
Economic Computation and Economic Cybernetics Studies and Research Centre of Economic Computation and Economic Cybernetics, Bucuresti, Rumania

EDP Anal. (USA)
EDP Analyzer 925 Anza Avenue, Vista, Calif. 92083, USA

EDP Eur. Rep. (GB)
EDP Europa Report IDC Europa Ltd., 59 Grays Inn Road, London, WC1X 8TL, England

Educ. Broadcast. Int. (GB)
Educational Broadcasting International Wynn Williams (Publishers) Ltd., Centenary Buildings, King Street, Wrexham, Wales

Educ. Stud. Math. (Netherlands)
Educational Studies in Mathematics D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands

Educ. Technol. (USA)
Educational Technology Educational Technology Publications Inc., 140 Sylvan Avenue, Englewood Cliffs, N.J. 07632, USA

EEG & Clin. Neurophysiol. (Netherlands)
Electroencephalography and Clinical Neurophysiology Elsevier Publishing Co., P.O. Box 211, Amsterdam, Netherlands

EEI Bull. (USA)
EEI Bulletin Edison Electric Institute, 90 Park Avenue, New York, N.Y. 10001, USA

Eesti NSV Tead. Akad. Fuus. & Astron. Inst. Uurim. (USSR)
Eesti NSV Teaduste Akademie Fuusika ja Astronoomia Instituudi Uurimused Na Russkon yayke izdatelstvo 'Vadgus', Tallin, Pyarnuskoe Shosse 10,, USSR

EID- Electron. Instrum. (USA)
EID- Electronic Instrumentation Milton S Kiver Publications, 222 West Adams Street, Chicago, Ill. 60606, USA

Eisenbahntechnik (Germany)
Eisenbahntechnik Formerly: *Dtsch. Eisenbahntech. (Germany)* VEB Verlag Technik, 102 Berlin, Oranienburger Strasse 13/14, Germany

Electr. & Electron. Tech. Eng. (GB)
Electrical and Electronics Technician Engineer Title changed to: *Electrotechnology (GB)*

Electr. Automob. (France)
L'Electricite Automobile 59 rue du Faubourg-Poissonniere, Paris 9, France

Electr. Comf. Cond. J. (USA)
Electric Comfort Conditioning Journal Electrical Information Publications, 2132 Fordem Avenue, Madison, Wis. 53701, USA

Electr. Commun. (USA)
Electrical Communication International Telephone and Telegraph Corporation, 320 Park Avenue, New York, N.Y., 10022, USA

Electr. Commun. Lab. Tech. J. (Japan)
Electrical Communication Laboratories Technical Journal Nippon Telegraph and Telephone Public Corp., 1551 Kichijoji, Musashino-shi, Tokyo, Japan

Electr. Constr. & Maint. (USA)
Electrical Construction and Maintenance McGraw-Hill Publishing Co., 330 West 42nd Street, New York, N.Y. 10036, USA

Electr. Constr. Eng. (Japan)
Electrical Construction Engineering Japan Electrical Contractors Association, 7-8 1 chome, Motoakasaka, Minatoku Tokyo, Japan

Electr. Eng. (Australia)
Electrical Engineer Tait Publishing Co., 415 Bourke Street, Melbourne, Victoria 3000, Australia

Electr. Eng. Jap. (USA)
Electrical Engineering in Japan [Translation of: *J. Inst. Electr. Eng. Jap. (Japan)*] Scripta Publishing Corp., 1511 K Street, N.W., Washington, D.C. 20005, USA

Electr. Eng. Rev. (Pakistan)
Electrical Engineering Review West Pakistan University of Engineering and Technology, Lahore-31, Pakistan

Electr. Equip. (GB)
Electrical Equipment Mercury House Business Publications Ltd., Broadwall House, Broadwall, London, SE1 9PN, England

Electr. India
Electrical India The Indian Electrical Manufacturers' Association, 2nd Floor, 18 Military Square Lane, Kalaghoda, Bombay 1, India

Electr. Light & Power (USA)
Electric Light and Power Cahners Publishing Co., Cahners Building, 270 St. Paul Street, Denver, Colo. 80206, USA

Electr. Rev. (GB)
Electrical Review IPC Electrical-Electronic Press, Dorset House, Stamford Street, London, SE1, England

Electr. Superv. (GB)
Electrical Supervisor Association of Supervisory and Executive Engineers, Wix Hill House, West Horsley, Surrey, England

Electr. Technol. USSR (GB)
Electric Technology USSR [Translation of: *Elektrichestvo (USSR)*] Pergamon Press, Headington Hall Hill, Oxford, OX3 OBW, England

Electr. Times (GB)
Electrical Times 40 Bowling Green Lane, London EC1, England

Electr. World (USA)
Electrical World McGraw-Hill Publishing Co., 330 West 42nd Street, New York, N.Y. 10036, USA

Electra (France)
Electra 112 Boulevard Hausmann, 75 Paris 8, France

Electra (Netherlands)
Electra NV Drukkerij Levisson, Plaspoelpolder de Bruyn Kopsstraat 10, Rijswijk ZH, Netherlands

Electricidade (Portugal)
Electricidade Empresa Editorial Electrotecnica Edel, Rua de Dona Estefania, 48, 3., Esq., Lisboa 1, Portugal

Electricien (France)
L'Electricien Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France

Electricite (Belgium)
Electricite. Revue de l'Union des Exploitations Electriques en Belgique 4 Galerie Ravenstein, Bruxelles 1000, Belgium

Electro Calcul & Autom. (France)
Electro Calcul et Automatisme Editions PDP, 11 rue Tronchet, Paris 8, France

Electro Metalia (Spain)
Electro Metalia Joaquin Garcia Morato, 4, Apartado 10133, Madrid (11), Spain

Electro-Opt. Syst. Des. (USA)
Electro-Optical Systems Design Milton S. Kiver Publications Inc., 222 West Adams, Chicago, Ill. 60606, USA

Electro-Rev. (Switzerland)
Electro-Revue 8027 Zurich, Splugenstrasse 6, Switzerland

Electro-Technol. (India)
Electro-Technology Society of Electronic Engineers, High Grounds, Bangalore 1, India

Electroacoustique (Belgium)
Electroacoustique Universite de Liege, Laboratoire d'Electroacoustique, Liege, Belgium

Electrochim. Acta (GB)
Electrochimica Acta Pergamon Press, Headington Hill Hall, Oxford, OX3 OBW, England

Electrodeposition & Surf. Treat. (Switzerland)
Electrodeposition and Surface Treatment Elsevier Sequoia S.A., P.O. Box 851, CH-1001-Lausanne 1, Switzerland

Electromech. Des. (USA)
Electromechanical Design 167 Corey Road, Brookline, Mass. 02146, USA

Electromyography & Clin. Neurophysiol. (Belgium)
Electromyography and Clinical Neurophysiology Formerly: *Electromyography (Belgium)* Nauwelaerts Publishing House, Mgr. Ladeuzepelin 2, B-3000 Louvain, Belgium

Electromyography (Belgium)
Electromyography Title changed to: *Electromyography & Clin. Neurophysiol. (Belgium)*

Electron (Canada)
Electron Maclean-Hunter Ltd., 481 University Avenue, Toronto 2, Ontario, Canada

Electron (GB)
Electron IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1, England

Electron Technol. (Poland)
Electron Technology Polish Scientific Publishers, Swietokryzska 21, Warszawa, Poland

Electron. & Commun. (Canada)
Electronics and Communications Southam Business Publications Ltd., 1450 Don Mills Road, Don Mills, Ontario, Canada

Electron. & Commun. Jap. (USA)
Electronics and Communications in Japan Scripta Publishing Corp., 1511 K Street N.W., Washington, D.C. 20005, USA. English translation of selected articles from Trans. Inst. Electron. & Commun. Eng. A, B, C, D, (Japan)

Electron. & Fis. Apl. (Spain)
Electronica y Fisica Aplicada Centro de Investigaciones Fisicas, Serrano, 144, Madrid 6, Spain

Electron. & Instrum. (S. Africa)
Electronics and Instrumentation Thomson Publications S.A. (Pty) Ltd., Marcuson Centre, Cor. Menton and Park Roads, Richmond, P.O. Box 8308, Johannesburg, South Africa

Electron. & Microelectron. Ind. (France)
Electronique & Microelectronique Industrielles Societe des Editions Radio, 9 rue Jacob, Paris 6, France

Electron. & Power (GB)
Electronics and Power. Journal of the Institution of Electrical Engineers Savoy Place, London, WC2R OBL, England

Electron. Appl. (Netherlands)
Electronic Applications Title changed to: *Electron. Appl. Bull. (Netherlands)*

Electron. Appl. Bull. (Netherlands)
Electronic Applications Bulletin Formerly: *Electron. Appl. (Netherlands)* N.V. Philips' Gloeilampenfabrieken, Electronic Components and Materials Division, Eindhoven, Netherlands. N.V. Uitgeversmaatschappij Centrex, Eindhoven

Electron. Aust. (Australia)
Electronics Australia 12th floor, 235-242 Jones Street, Broadway, Sydney, N.S.W, Australia

Electron. Components (GB)
Electronic Components United Trade Press, 42 Gerrard Street, London, W1, England

Electron. Des. (USA)
Electronic Design Hayden Publishing Co. Inc., 50 Essex Street, Rochelle Park, N.J. 07662, USA

Electron. Engineer (USA)
Electronic Engineer Chestnut and 56 Streets, Philadelphia, Pa. 19139, USA

Electron. Engineering (GB)
Electronic Engineering Morgan-Grampian (Publishers) Ltd., 28 Essex Street, Strand, London, WC2, England

Electron. Equip. News (GB)
Electronic Equipment News Shaw Publishing Co., Broadwall, London, SE1, England

Electron. Lett. (GB)
Electronics Letters Institution of Electrical Engineers, Savoy Place, London, WC2R OBL, England

Electron. Manuf. (GB)
Electronics Manufacturer Trade News Ltd., Drummond House, 203/209 North Gower Street, London, NW1, England

Electron. Med. (France)
Electronique Medicale Editions PDP, 11 rue Tronchet, Bureau 743, Paris 8, France

Electron. Pack. & Prod. (Int. Ed.) (USA)
Electronic Packaging and Production (International Edition) Milton S. Kiver Publications, 222 West Adams Street, Chicago, Ill. 60606, USA

Electron. Prog. (USA)
Electronic Progress Raytheon Co., Lexington, Mass. 02173, USA

Electron. S. Afr. (S.Africa)
Electronics in Southern Africa Thomson Newspapers South Africa Ltd., Trust House, Foreshore, P.O. Box 80, Cape Town, South Africa

Electron. Today (India)
Electronics Today 4-A Naaz Bldg., Lamington Road, Bombay-4, India

Electron. World (USA)
Electronics World Title changed to: *Pop. Electron. incl. Electron. World (USA)*

Electronics (USA)
Electronics McGraw-Hill Publishing Co., 330 West 42nd Street, New York, N.Y. 10036, USA

Electrophotography (Japan)
Electrophotography Society of Electrophotography of Japan, Tokyo, Japan

Electroplat. & Met. Finish. (GB)
Electroplating and Metal Finishing Wheatland Journals Ltd., Stamford House, Turnmill Street, London, EC1, England

Electrotechnology (GB)
Electrotechnology Formerly: *Electr. & Electron. Tech. Eng. (GB)* Institution of Electrical and Electronics Technician Engineers, 2 Savoy Hill, London, WC2R OBS, England

Electrotehnica (Rumania)
Electrotehnica Str. Ion Ghica 3, Bucuresti, Rumania

Elektr. & Teplovoznaya Tyaga (USSR)
Elektricheskaya i Teplovoznaya Tyaga Sadovo-Chernogryaeskaya 3-a, Moskva B-174,, USSR

Elektr. Ausruestung (Germany)
Elektrische Ausrustung Vogel Verlag, Wurzburg, Germany

Elektr. Bahnen (Germany)
Elektrische Bahnen R.Oldenbourg, Rosenheimer Strasse 145, Munchen 8, Germany

Elektr. Masch. (Germany)
Elektrische Maschinen Dr. Alfred Huthig Verlag, 6900 Heidelberg, Wilckensstrasse 3/5, Germany

Elektr. Muehendisligi (Turkey)
Elektrik Muhendisligi Elektrik Muhendisleri Odasi. Ihlamur sokak. 10/1. Yenisehir. Ankara. Turkey

Elektr. Stantsii (USSR)
Elektricheskie Stantsii Editorial address: B.Cherkasskii per 2, Moskva K-12, USSR

Elektrichestvo (USSR)
Elektrichestvo Editorial address: B.Cherkasskii per 2, Moskva K-12, USSR [English translations of selected articles in:*Electr. Technol. USSR (GB)*]

Elektrie (Germany)
Elektrie Kammer der Technik, Fachverband Elektrotechnik Publication address: VEB Verlag Technik, Oranienburger Strasse 13-14, Berlin 102, Germany

Elektrizitaet (Germany)
Elektrizitat Verlags- und Wirtschaftsgesellschaft der Elektrizitatswerke mbH, 6000 Frankfurt am Main 70, Stresemannallee 23, Germany

Elektrizitaetsverwertung (Switzerland)
Elektrizitatsverwertung (L'Electrique -Electrical Service) Elektrowirtschaft, Victoriahaus, Bahnhofplatz 9, Postfach 2272, 8023 Zurich, Switzerland

Elektrizitaetswirtschaft (Germany)
Elektrizitatswirtschaft VDEW, Stresemannallee 23, 6000 Frankfurt (Main) 70, Germany

Elektro (Norway)
Elektro Formerly: *Elektrotek. Tidsskr. (Norway)* Ingeniorsforlaget A/S, Ingeniorenes Hus, Kronprinsensgt. 17, Boks 2476, Oslo 2, Norway

Elektro Prom.-st. & Priborostr. (Bulgaria)
Elektro Promishlenost i Priborostroene Poshcenska Kutea 550, Ulitsa 'Tsar Simeon' 100, Sofia, Bulgaria

Elektro-Anz. (Germany)
Elektro-Anzeiger Verlag W. Girardet, 43, Essen, Postfach 9, Germany

Elektro-Monteur (Switzerland)
Elektro-Monteur Hans Schwere, Neugutstrasse 8, 5000 Aarau, Switzerland

Elektroenerg. & Avtom. (USSR)
Elektroenergetika i Avtomatika Izdatel'stvo 'Shtiintsa', Kishinev 277612, Pr. Lenina 1, USSR

Elektrokhimiya (USSR)
Elektrokhimiya Institut-Elektrokhimii. Akademiya Nauk SSSR, Moskva-V71, Leninskii Prospekt 31, USSR [English translation in: *Sov. Electrochem. (USA)*]

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Inorganic and Nuclear Chemistry Letters Pergamon Press, Headington Hill Hall, Oxford, OX3 OBW, England

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Inorganic Materials [Translation of: *Izv. Akad. Nauk SSSR Neorg. Mater.*] Consultants Bureau, 227 West 17th Street, New York, N.Y. 10011, USA

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INSPEL. International Journal of Special Libraries International Federation of Library Associations, Special Libraries Section, c/o Karl A. Baer, 1625 L Street N.W., Washington, D.C. 20036, USA

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Institution of Engineers, Australia, Civil Engineering Transactions Science House, Gloucester and Essex Streets, Sydney 2000, N.S.W, Australia

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Institution of Engineers, Australia, Electrical Engineering Transactions Science House, Gloucester and Essex Streets, Sydney 2000, N.S.W, Australia

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Meditsinskaya Tekhnika Editorial address: All-Union Scientific-Research Institute of Medical Instruments, Moscow, USSR [English translation in: *Biomed. Eng. (USA)*]

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Mekh. & Avtom. Upr. (USSR)
Mekhanizahriya i Avtomahzatsiya Upravleniya Kreshdratlsk 28,, USSR

Mekh. Polim. (USSR)
Mekhanika Polimerov Latvian Academy of Sciences, Riga, USSR [English translation in: *Polym. Mech. (USA)*]

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Mekhanika Tverdogo Tela Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR

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Metal Construction and British Welding Journal Welding Institute, Abington Hall, Abington, Cambridge CB1 6AL, England

Met. Sci. & Heat Treat. (USA)
Metal Science and Heat Treatment [Translation of: *Metalloved. & Term. Obrab. Met. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, N.Y. 10011, USA

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Optika i Spektroskopiya Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, USSR [English translation in: *Opt. & Spectrosc. (USA)*]

Opt. Acta (GB)
Optica Acta Taylor and Francis, Cannon House, 10-14 Macklin Street, London, WC2B 5NF, England

Opt. Commun. (Netherlands)
Optics Communications North-Holland Publishing Co., P.O. Box 3489, Amsterdam-C, Netherlands

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Opt.-Mekh. Prom.-st. (USSR)
Optiko-Mekhanicheskaya Promyshlennost Vasilov Optical Research Institute, Kaluzhskoye Chausee 32, Moskva, USSR [English translation in: *Sov. J. Opt. Technol. (USA)*]

Optician (GB)
Optician 1 Dorset Buildings, Salisbury Square, London, EC4, England

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Optik Wissenschaftliche Verlagsgesellschaft, Postfach 40, Stuttgart N, Germany

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Photographic Journal Royal Photographic Society, 14 South Audley Street, London, W1Y 5DP, England

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Polish Engineering WHZ-Polexportpress, Warszawa, Marszalkowska 124, Poland

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Polymer Mechanics [Translation of: *Mekh. Polim. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, N.Y. 10011, USA

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Polymer News Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England

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Pomiary Automatyka Kontrola Wydawnictwa Czasopism Technicznych NOT, ul. Czackiego 3/5, Warszawa 1, Poland

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Popular Electronics including Electronics World Formerly: *Electron. World (USA)* Ziff-Davis Publishing Co., 1 Park Avenue, New York, N.Y. 10016, USA

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Poroshkovaya Metallurgiya Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR [English translation in: *Sov. Powder Metall. & Met. Ceram. (USA)*]

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Portugaliae Physica Instituto de Alta Cultura, Centros de Estudos de Fisica das Universidades Portuguesas. Rue da Escola Politecnica, Lisboa-2, Portugal

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Powder Technology Elsevier Sequoia S.A., P.O. Box 851 1001 Lausanne 1, Switzerland

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Prague Bulletin of Mathematical Linguistics Universita Karlova, Praha, Czechoslovakia. Editorial address: Laboratory of Algebraic Linguistics, Praha 1, Malostranske nam. 25

Prakt. Energiek. (Germany)
Praktische Energiekunde Technischer Verlag Resch KG, Munchen-Grafelfing, Germany

Prakt. Metallogr. (Germany)
Praktische Metallographie (Practical Metallography) Dr. Riederer-Verlag GmbH, d-7000 Stuttgart 1, Johannesstrasse 60, Postfach 447, Germany

Prib. & Sist. Upr. (USSR)
Pribory i Sistemy Upravleniya Moscow. IGSP-110, Prospekt Mira 106, Komn. 5, USSR [English translation in: *Sov. Instrum. & Control J. (GB)*]

Prib. & Tekh. Eksp. (USSR)
Pribory i Tekhnika Eksperimenta Agent: Mezhdunarodnaya Kniga Moskva, USSR [English translation in: *Instrum. & Exp. Tech. (USA)*]

Price Waterhouse Rev. (USA)
Price Waterhouse Review Price Waterhouse & Co., 1251 Avenue of the Americas, New York, N.Y. 10020, USA

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Prikladnaya Matematika i Mekhanika Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva. Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Appl. Math. & Mech. (USA)*]

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Prikladnaya Mekhanika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR

Print. Technol. (GB)
Printing Technology Title changed to: *Prof. Printer (GB)*

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Proceedings and Transactions of the Rhodesia Scientific Association M.O.Collins (Pvt.) Ltd., PO Box 3094, Salisbury, Rhodesia

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Proceedings of the American Philosophical Society 104 South Fifth St., Philadelphia, Pa. 19106, USA

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Proceedings of the British Ceramic Society Shelton House, Stoke-on-Trent, England

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Proceedings of the Cambridge Philosophical Society Cambridge University Press, 200 Euston Road, London, NW1, England

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Proceedings of the Egyptian Academy of Sciences 'Dar el Hikma', 42 Qasr el Aini Street, Cairo, Egypt

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Proceedings of the IEEE Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, N.Y. 10017, USA

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Proceedings of the Institution of Electrical Engineers Institution of Electrical Engineers, Savoy Place, London, WC2R OBL, England

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Proceedings of the Mathematical and Physical Society of UAR Faculty of Science, Cairo University, Orman Gardens, Giza, Egypt

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Proceedings of the National Academy of Sciences of India. Section A (Physical Sciences) Lajpatrai Road, Allahabad-2, India

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Proceedings of Vibration Problems Polish Academy of Sciences, Institute of Basic Technical Problems, Palac Kultury i Nauki, Warszawa, Poland

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Process Engineering Morgan-Grampian (Publishers) Ltd., Calderwood Street, London, SE18 6QH, England

Process Eng. Plant & Control (GB)
Process Engineering, Plant and Control Morgan-Grampian (Publishers) Ltd., 28 Essex Street, Strand, London, WC2, England. Incorporated with Process Eng. (GB)

Process Instrum. (GB)
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Supplement of the Progress of Theoretical Physics Research Institute for Fundamental Physics and the Physical Society of Japan. Publication Office: Yukawa Hall, Kyoto University, 606 Kyoto, Japan

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Pure and Applied Chemistry Butterworths, 88 Kingsway, London, WC2B 6AB, England

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Quarterly of Applied Mathematics Box 1881, Brown University, Providence, R.I. 02912, USA

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Quarterly Bulletin of the International Association of Agricultural Librarians and Documentalists Editorial address: Selterskampweg 45, Bennekom, Netherlands

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Quarterly of the Colorado School of Mines Golden, Colo. 80401, USA

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Quarterly Journal of the Royal Astronomical Society Royal Astronomical Society Burlington House, London, W1, England

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Quarterly Journal of the Royal Meteorological Society 49 Cromwell Road, London, SW7, England

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Quarterly Report of the Railway Technical Research Institute Railway Technical Institute, JNR, Kunitachi, P.O. Box 9, Tokyo, Japan

Qual. & Zuverlassigkeit (Germany)
Qualitat und Zuverlassigkeit Rudolf Haufe Verlag, D-78 Freiburg, Postfach 740, Germany

Qual. Eng. (GB)
Quality Engineer Institution of Engineering Inspection, 146 Cromwell Road, London, SW7, England

Qual. Manage. & Eng. (USA)
Quality Management & Engineering Hitchcock Publishing Co., Hitchcock Building, Wheaton, Ill. 60187, USA

Qual. Prog. (USA)
Quality Progress American Society for Quality Control, 161 West Winconsin Avenue, Milwaukee, Wis. 53203, USA

Quaternary Res. (USA)
Quaternary Research Academic Press, 111 Fifth Avenue, New York, N.Y. 10003, USA

R & D Manage. (GB)
R & D Management Basil Blackwell Publications, 108 Cowley Road, Oxford, OX4 1JF, England

R. Obs. Bull. (GB)
Royal Observatory Bulletins Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex, England

R. Telev. Soc. J. (GB)
Royal Television Society Journal Peter Peregrinus, P.O. Box 8, Southgate House, Stevenage, Herts, England

Rad. Zavoda Fiz. (Yugoslavia)
Radovi Zavoda za Fiziku Edicija Zavoda za Fiziku Tehnickih Fakulteta u Beogradu, ul. Ruzveltova 1a/I, Beograd, Yugoslavia

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Radiation Effects Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England

Radiat. Res. (USA)
Radiation Research Radiation Research Society, Academic Press, 111 Fifth Avenue, New York, N.Y. 10003, USA

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Radio & Electron. Eng. (GB)
Radio and Electronic Engineer Institution of Electronic and Radio Engineers, 8-9 Bedford Square, London, WC1B 3RG, England

Radio Commun. (GB)
Radio Communication Radio Society of Great Britain, 35 Doughty Street, London, WC1N 2AE, England

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Radio Electron. & Commun. Syst. (USA)
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Radio Ind. (Italy)
Radio Industria Via Ripamonti 115, 20141 Milano, Italy

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Radio Mentor Title changed to: *Radio Mentor Electron. (Germany)*

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Radio Sci. (USA)
Radio Science American Geophysical Union, 2901 Byrdhill Road, Richmond, Va. 23228, USA

Radio Telev. (Czechoslovakia)
Radio Television Administrative Council of the International Radio and Television Organization (OIRT), Prague 5, U Mrazovky 15, Czechoslovakia

Radio TV Electron. (Switzerland)
Radio-TV-Electronic Eichstrasse 24, CH-8045 Zurich, Switzerland

Radio-Electron. (USA)
Radio-Electronics 200 Park Avenue South, New York, N.Y. 10003, USA

Radiochem. & Radioanal. Lett. (Switzerland)
Radiochemical and Radioanalytical Letters Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne, Switzerland. Akademiai Kiado, Alkotmany U 21, Budapest 5, Hungary

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Radiotekhnika Editorial address: ul Gor'kogo 7, Moskva K-9, USSR [English translation in: *Telecommun. & Radio Eng. Pt. 2 (USA)*]

Rafena Tech. Commun. (Germany)
Rafena Technical Communications VEB Rafena-Werke, 8142 Radeberg, Wilhelm-Pieck-Strasse 70, Germany

Rail Int. (Belgium)
Rail International International Railway Congress Association, Rue de Louvain 17-21, B-1000 Bruxelles, Belgium

Railw. Eng. (S. Africa)
Railway Engineering Thomson Publications S.A. (Pty) Ltd., Marcuson Centre, Cor Menton and Park Roads, Richmond, Johannesburg, South Africa

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Railway Engineering Journal - REJ Institution of Mechanical Engineers, 1 Birdcage Walk, London, SW1H 9JJ, England

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Railway Gazette International IPC Transport Press, Dorset House, Stamford Street, London, SE1, England

Range (Netherlands)
Range Philips' Telecommunicatie Industrie BV, Hilversum, Netherlands

Raumfahrtforschung (Germany)
Raumfahrtforschung Vertrieb Raumfahrtforschung, 8 Munchen 5, Am Glokkenbach 12, Germany

RCA Appl. Note (USA)
RCA Application Note Radio Corporation of America, Electronic Components and Devices, Harrison, N.J, USA

RCA Rev. (USA)
RCA Review Radio Corporation of America, RCA Laboratories Division, Princeton, N.J. 08540, USA

React. Technol. (USA)
Reactor Technology U.S. Atomic Energy Commission, Division of Technical Information, Washington, D.C. 20545, USA

Reactor (GB)
Reactor Reactor Group, UKAEA, Risley, Warrington, Lancs, England

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Recherche Aerospatiale Office National d'Etudes et de Recherches Aerospatiales, 29 Avenue de la Division Leclere, 92-Chatillon, France

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Recherche Spatiale Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France

Rechentech. Datenverarb. (Germany)
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Recherche 4 Place de l'Odeon, Paris 6, France

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Refractories [Translation of: *Ogneupory (USSR)*] Consultants Bureau, 227 West 17th Street, New York, N.Y. 10011, USA

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Regional Conference Series in Applied Mathematics Society for Industrial and Applied Mathematics, 33 South 17th Street, Philadelphia, Pa. 19103, USA

Regelungstech. & Prozess-Datenverarb. (Germany)
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Remote Sensing of Environment American Elsevier Publishing Co., 52 Vanderbilt Avenue, New York, N.Y. 10017, USA

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Reports on Progress in Physics Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England

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Research Bulletin, Regional Engineering College, Warangal Warangal (AP) Kazipet (PO), India

Res. Disclosure (GB)
Research Disclosure Industrial Opportunities Ltd., 13/14 Homewell, Havant, Hants. PO9 1EF, England

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Research Reports of the Nagaoka Technical College Nagaoka, Japan

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Revue A Presses Academiques Europeennes, 98 Chaussee de Charleroi, Bruxelles 1060, Belgium

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Revista de Automatica Asociacion Espanola de Automatica, Facultad de Ciencias, Ciudad Universitaria, Madrid 3, Spain

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Revista Brasileira de Fisica Sociedade Brasileira de Fisica, Cx. Postal 20553, Sao Paolo SP, Brasil

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Revue de Chimie Minerale Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France

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Revue E Bulletin de la Societe Royale Belge des Electriciens, 1 Place du Trone, Bruxelles 1, Belgium

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Revue d'Electricite et de Mecanique Alsthom, 38 Avenue Kleber, Paris 16, France

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Revista Electrotecnica Asociacion Argentina de Electrotecnicos, Posadas 1659, Buenos Aires, Argentina

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Revista Electrotecnica Asociacon Electrotecnica Espanola, Aribau 61, Barcelona, Spain

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Revista Espanola de Electronica Ediciones Tecnicas 'Rede', Apartado 5252, Barcelona, Spain

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Revista de Faculdade de Ciencias, Universidade de Lisboa, B-Ciencias Fisico-Quimicas Rua da Escola Politecnica, Lisboa, Portugal

Rev. Fac. Eng. Univ. Porto (Portugal)
Revista da Faculdade de Engenharia, Universidade do Porto Porto, Portugal

Rev. Fac. Sci. Univ. Istanbul C (Turkey)
Revue de la Faculte des Sciences de l'Universite d'Istanbul (Istanbul Universitesi Fen Fakultesi Mecmuasi) Serie C (Astronomie, Physique, Chimie) Beyazit, Istanbul, Turkey

Rev. Fis. (Brazil)
Revista de Fisica Escola Nacional de Engenharia, Instituto de Oleos, Av. Maracana 252, Rio de Janeiro,, Brazil

Rev. FITCE (Belgium)
Revue F.I.T.C.E Federation des Ingenieurs des Telecommunications de la Communaute Europeenne, 42 rue des Palais, 1030 Bruxelles, Belgium

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Revue Francaise d'Automatique Informatique Recherche Operationnelle Formerly: *Rev. Fr. Inf. & Rech. Oper. (France)* Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France

Rev. Fr. Electr. (France)
Revue Francaise de l'Electricite 33 rue de Naples, Paris 8, France

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Revue Generale de Thermique Centre de Documentation, 3 rue Henri-Heine, Paris 16, France

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Revista de Geofisica Instituto Nacional de Geofisica, Serrano 123, Madrid 2, Spain

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Reviews of Geophysics and Space Physics American Geophysical Union, 2901 Byrdhill Road, Richmond, Va. 23228, USA

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Revue HF Societe Belge des Ingenieurs des Telecommunications et d'Electronique, 66 Chaussee de Ruisbrock, Bruxelles 1190, Belgium

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Revue Internationale des Hautes Temperatres et des Refractaires Masson et Cie, 120 Boulevard Saitermain, Paris 6, France

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Revue Jeumont-Schneider 5 Place de Rio de Janeiro, Paris 8, France

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Revista Mexicana de Fisica Sociedad Mexicana de Fisica, Apartado Postal No.20-364, Mexico 20, D.F, Mexico

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Reviews of Modern Physics American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017, USA

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Revue de Physique Appliquee Societe Francaise de Physique. Publication address: Commission des Publications Francaises de Physique, Batiment 510, Faculte des Sciences, 91-Orsay, France

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Revue Polytechnique Chemin de la Caroline 22, 1213 Petit-Lancy, Geneve, Switzerland

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Revista de la Real Academia de Ciencias Exactas, Fisicas y Naturales de Madrid Valverde 22, Madrid 13, Spain

Rev. Radio Res. Lab. (Japan)
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Rev. Roum. Phys. (Rumania)
Revue Roumaine de Physique Academie Republicii Populare Rômine, Boite Postale 134-135, Bucuresti, Rumania

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Revue Roumaine des Sciences Techniques. Serie Electrotechnique et Energetique Academia Republicii Populare Romine. Editorial address: Sos. Vitan 236, Bucuresti, Rumania

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Revue Roumaine des Sciences Techniques. Serie de Mecanique Appliquee Str. Constantin Mille 15, Bucuresti, Rumania

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Review of Scientific Instruments American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017, USA

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Revue Technique Merlin Gerin Cedex 83, 38 Grenoble-gare, France

Rev. Tech. Thomson-CSF (France)
Revue Technique Thomson-CSF Masson, 120 Boulevard Saint-Germain, Paris 6, France

Rev. Telecomun. (Spain)
Revista de Telecomunicacion Consejo Tecnica de Telecomunicacion, Palacio de Comunicaciones, Apartado 936, Madrid, Spain

Reyrolle Parsons Rev. (GB)
Reyrolle Parsons Review Reyrolle Parsons Ltd., Hebburn, County Durham, England

Rheol. Acta (Germany)
Rheologica Acta Dr. Steinkopf Verlag, 6100 Darmstadt, Postfach 1008, Germany

Rhod. Eng. (Rhodesia)
Rhodesian Engineer Rhodesian Institution of Engineers, P.O. Box 660, Salisbury, Rhodesia

Ric. Autom. (Italy)
Ricerche di Automatica ANIPLA (Italian Association for Automatic Control), Piazza Belgioioso 1, 20121 Milano, Italy

Ric. Sci. Suppl. (Italy)
Ricerca Scientifica Supplemento Consiglio Nazionale delle Richerche, 7 Piazzale delle Scienze 00100, Roma, Italy

Ric. Spettrosc. (Italy)
Ricerche Spettroscopiche Specola Vaticana, Citta dei Vaticano, Italy

Riv. Inf. (Italy)
Rivista dell'Informazione (Information Review) Via Tiberio Imperatore 79, 00145 Roma, Italy

Riv. Nuovo Cimento (Italy)
Rivista del Nuovo Cimento Societa Italiana di Fisica, Via Degli Andalo, 2, Bologna 40124, Italy, Italy

Rock. Mech. (Austria)
Rock Mechanics (Felsmechanik-Mecanique des Roches) Springer-Verlag, Molkerbastei 5, P.O. Box 367, A-1011 Wien, Austria

Roentgenpraxis (Germany)
Rontgenpraxis S. Hirzel Verlag, 7 Stuttgart 1, Postfach 347, Germany

Roorkee Univ. Res. J. (India)
Roorkee University Research Journal Water Resources Development Training Center, University of Roorkee, Roorkee, U.P, India

Rozpr. Electrotech. (Poland)
Rozprawy Electrotechniczne Polska Akademie Nauk, Instytut Podstawowych Problemow Techniki, Warszawa, Poland

Rozpr. Hydrotech. (Poland)
Rozprawy Hydrotechniczne Instytut Budownictwa Wodnego, Polskiej Akademii Nauk w Gdansku, Gdansk, Poland

RSC Railw. Syst. Controls (USA)
RSC Railway System Controls Simmons-Boardman Publishing Corp., 508 Birch Street, Bristol, Conn. 06010, USA

Rundfunktech. Mitt. (Germany)
Rundfunktechnische Mitteilungen Instut fur Rundfunktechnik, Mittelweg 113, Hamburg 13, Germany

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Russian Engineering Journal [Translation of: *Vestn. Mashinostr. (USSR)*] Production Engineering Research Association, Melton Mowbray, Leics, England

Rutgers J. Comput. & Law (USA)
Rutgers Journal of Computers and the Law Rutgers Law School, 180 University Avenue, Newark, N.J. 07102, USA

S. Afr. Comput. Bull. (S. Africa)
South African Computer Bulletin Computer Society of South Africa, P.O. Box 1207, Johannesburg, South Africa

Saehkoe (Finland)
Sahko Electricity in Finland Sarkiniementie 3, Helsinki 21, Finland

Scanner (GB)
Scanner Journal of Decca Radar Ltd., Decca House, Albert Embankment, London, SE1, England

Sch. Sci. Rev. (GB)
School Science Review Association for Science Education, 52 Bateman Street, Cambridge. Publication address: John Murray, 50 Albemarle Street, London, W1, England

Schweiss Tech. (Germany)
Schweiss Technik VEB Verlag Technik, Oranienburger Strasse 13/14, 102 Berlin, Germany

Schweissen + Schneiden (Germany)
Schweissen + Schneiden Deutscher Verlag fur Schweisstechnik (DVS) GmbH, Dusseldorf, Schadowstrasse 42, Germany

Schweiz. Arch. (Switzerland)
Schweizer Archiv Buchdruckerei Vogt-Schild, AG 4500 Solothurn 2, Switzerland

Sci. & Cult. (India)
Science and Culture Indian Science News Association, 92 Acharya Prafullachandra Road, Calcutta 9, India

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Science and Engineering Reports of Saitama University, Series C Urawa-City, Saitama-ken, Japan

Sci. & Eng. Rev. Doshisha Univ. (Japan)
Science and Engineering Review of Doshisha University Science and Engineering Research Institute of Doshisha University, Kyoto, Japan

Sci. & Ind. Spat. (Switzerland)
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Sci. & Tech. Armament (France)
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Science and Technology International Communications, 205 East 42nd Street, New York, N.Y. 10017, USA

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Sci. Dimension (Canada)
Science Dimension National Research Council of Canada, Ottawa K1A OR6, Canada

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Scientific Proceedings of the Royal Dublin Society, Series A Ball's Bridge, Dublin, Ireland

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Scientific Researches East Regional Laboratories, Pakistan Council of Scientific and Industrial Research, Dacca, Bangladesh

Sci. Rev. (Yugoslavia)
Scienca Revuo Prof. B. Popovic, Ognjena Price 80, Beograd, Yugoslavia

Sci. Tools (Sweden)
Science Tools LKB Produkter Fabriksaktiebolag, P.O. Box 76, Stockholm-Bromma 1, Sweden

Science (USA)
Science American Association for the Advancement of Science, 1515 Massachusetts Avenue N.W., Washington, D.C. 20005, USA

Scientia (Chile)
Scientia Universidad Tecnica Federico Santa Maria, Casilla 110-V, Valparaiso, Chile

Scientia (Italy)
Scientia Via Donizetti 55, 20122 Milano, Italy

Scr. Metall. (USA)
Scripta Metallurgica Pergamon Press, Maxwell House, Fairview Park, Elmsford, N.Y. 10523, USA

Sdelovaci Tech. (Czechoslovakia)
Sdelovaci Technika Dittrichova 9, Praha 2, Czechoslovakia

Semin. Nucl. Med. (USA)
Seminars in Nuclear Medicine Henry M. Stratton, Inc., Publishers, 757 Third Avenue, New York, N.Y. 10017, USA

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SERT Journal Society of Electronic and Radio Technicians, 8 Charing Cross Road, London. WC2H OHP, England

Shimadzu Rev. (Japan)
Shimadzu Review Shimadzu Seisakusho Ltd., Kawaramachi Nijo, Nakagyo-ku, Kyoto, Japan

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Siemens Electronic Components Bulletin Siemens Aktiegesellschaft, Schriftleitung, 8000 Munchen 25, Machtlfinger Strasse 10, Germany

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Siemens Forschungs- und Entwicklungsberichte (Research and Development Reports) Springer-Verlag, D-1 Berlin 33, Heidelberger Platz 3, Germany

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Siemens Review Siemens-Aktiengesellschaft, Postfach 325, 8520 Erlangen 2, Germany

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Signal und Draht Dr. Arthur Tetzlaff-Verlag, 6 Frankfurt am Main 1, Niddastrasse 64, Germany

Signal & Schiene (Germany)
Signal und Schiene 108 Berlin, Franzosische Strasse 13/14, Germany

Signal (USA)
Signal Armed Forces Communications and Electronics Association, 1725 Eye Street N.W., Washington, D.C. 20006, USA

Simon Eng. Rev. (GB)
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Simon Stevin De Natuur - en Geneeskundige Vennootschap, Rozier 44, Gent, Belgium

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Simulation & Games Sage Publications, 275 South Beverly Drive, Beverly Hills, Calif. 90212, USA

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Simulation Simulation Councils Inc., P.O. Box 2228, La Jolla, Calif. 92037, USA

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Sky and Telescope Sky Publishing Corp., 49-50-51 Bay State Road, Cambridge, Mass. 02138, USA

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Slaboproudy Obzor Krakovska 8, Praha 1, Czechoslovakia

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Solar System Research [Translation of: *Astron. Vestn. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, N.Y. 10011, USA

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Solid State Technology 14 Vanderventer Avenue, Port Washington, Long Island, N.Y. 11050, USA

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Solid-State Electronics Pergamon Press, Headington Hill Hall, Oxford, OX3 OBW, England

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Sound and Vibration Acoustical Publications Inc., 27101 East Oviatt Road, Bay Village, Ohio 44140, USA

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Soviet Astronomy-AJ [Translation of: *Astron. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017, USA

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Soviet Atomic Energy [Translation of: *At. Energ. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, N.Y. 10011, USA

Sov. Autom. Control (USA)
Soviet Automatic Control [Translation of: *Avtomatika (USSR)*] Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, N.Y. 10017, USA

Sov. Cybern. Rev. (USA)
Soviet Cybernetics Review Rand Corporation, 1700 Main Street, Santa Monica, Calif. 90406, USA

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Soviet Electrical Engineering [Translation of: *Elektrotekhnika (USSR)*] Faraday Press, 84 Fifth Avenue, New York, N.Y. 10011, USA

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Soviet Electrochemistry [Translation of: *Elektrokhimiya (USSR)*] Consultants Bureau, Davis House, 8 Scrubs Lane, Harlesden, London, NW10 6SE, England

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Soviet Physics-Semiconductors [Translation of: *Fiz. & Tekh. Poluprovodn. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017, USA

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Soviet Physics-Solid State [Translation of: *Fiz. Tver. Tela (USSR)*] American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017, USA

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Sov. Phys.-Usp. (USA)
Soviet Physics-Uspekhi [Translation of: *Usp. Fiz. Nauk (USSR)*] American Institute of Physics, 335 East 45th Street, New York, N.Y. 10017, USA

Sov. Powder Metall. & Met. Ceram. (USA)
Soviet Powder Metallurgy and Metal Ceramics [Translation of: *Porosh. Metall. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, N.Y. 10011, USA

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Spaceworld (USA)
Spaceworld Palmer Publications Inc., Amherst, Wis. 54406, USA

Span (GB)
Span Central Electricity Generating Board, Burymead House Guildford, Surrey, England

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St. & Highway Light. (USA)
Street and Highway Lighting Street and Highway Safety Lighting Bureau, 110 East 59th Street, New York, N.Y. 10022, USA

Stanki & Instrum. (USSR)
Stanki i Instrument Mashinostroenie, ul. 25 Oktyabrya, d. 10, Moskva, K-12, USSR [English translation in: *Mach. & Tool. (GB)*]

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State Institute for Technical Research. Publications Lonnrotinkatu 37, Helsinki, Finland

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Steuerungstechnik Krausskopf-Verlag, 65 Mainz, Postfach 2760, Lessingstrasse 12-14, Germany

Stochastics (GB)
Stochastics Gordon & Breach Science Publishers Ltd., 42 William IV Street, London, WC2, England

Stockh. Obs. Ann. (Sweden)
Stockholms Observatoriums Annaler Almquist and Wiksell, Gamla Brogatan 26, Stockholm, Sweden

Strain (GB)
Strain British Society for Strain Measurement, 281 Heaton Road, Newcastle upon Tyne, NE6 5QB, England

Strength Mater. (USA)
Strength of Materials [Translation of: *Probl. Prochn. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, N.Y. 10011, USA

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Studii si Cercetari de Documentare Centrul de Informare si Documentare al Invatamintului, Str. Gutenberg Nr. 6 bis, Sector 6, Bucuresti, Rumania

Stud. & Cercet. Energ. & Electroteh. (Rumania)
Studii si Cercetari de Energetica si Electrotehnica Editura Academiei Republicii Socialiste Romania, Sos Vitan nr. 236, Bucuresti, Rumania

Stud. & Cercet. Fiz. (Rumania)
Studii si Cercetari de Fizica Academia Republicii Populare Romine. P.O. Box 134-5, Calca Victoriei 126, Bucuresti, Rumania

Stud. & Cercet. Stiint. Fiz. & Stiint. Teh. (Rumania)
Studii si Cercetari Stiintifice, Fizica si Stiinte Tehnice Academia Republicii Populare Romine. POB 134-4, Bucuresti, Rumania

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Studies in Applied Mathematics Massachusetts Institute of Technology, 50 Ames Street, Cambridge, Mass. 02142, USA

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Students' Quarterly Journal of the Institution of Electrical Engineers Savoy Place, London, WC2R OBL, England

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Sudan Engineering Society Journal P.O. Box 759, Khartoum, Sudan

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Surface Science North-Holland Publishing Co., P.O. Box 3489, Amsterdam-C, Netherlands

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Svarochnoye Proizvodstra Mashinostroenie, Moskva, I-110 GSP, Nrosnekt Mura, d. 106, USSR [English translation in: *Weld. Prod. (GB)*]

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Svenska Kraftverksforeningens Publikationer Birger Jarlsgatan 41a, 111 45 Stockholm, Sweden

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Swiss Tech. (Switzerland)
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Systems and Communications Systems Publications, Bugle House, Noel Street, London, W1, England

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Systems and Control Japan Association of Automatic Control Engineers, 1 Ichoden-cho, Yamabana, Sakyo-ku, Kyoto 606, Japan

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Systemes Logiques Chaire de Systemes Logiques, Ecole Polytechnique Federale, 16 Chemin de Bellerive, ch-1007 Luasanne, Switzerland

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Systems Technology Plessey Co., Ilford, Essex, England

Systema (Italy)
Systema Edizioni del Poligramma, via A. Vespucci 39, 10129 Torino, Italy

Systems (S. Africa)
Computer Society of South Africa, Editorial address: Box 4886, Johannesburg, South Africa

Szklo & Ceram. (Poland)
Szklo i Ceramika Warszawa 1, Mokotowska 4/6, pok 40, Poland

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T.-I.-T. Journal of Life Sciences T.-I.-T. Institute, P.O. Box 4563, Philadelphia, Pa. 19131, USA

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Takenaka Technical Research Report Takenaka Komuten Co. Ltd., 27 4-chome, Hommachi, Higashi-ku, Osaka, Japan

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Talanta Pergamon Press, Headington Hill Hall, Oxford, OX3 OBW, England

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Tecnica de la Regulacion y Mando Automatico Compania Espanola de Editoriales Tecnological Internacionales SA, Rosellon, 300, 2, Barcelona 9, Spain

Tech. Ber. (Austria)
Technische Berichte Nachrichtentechnische Werke AG, 1031 Wien, Apostelgasse 12, Austria

Tech. CEM (France)
Techniques CEM Cie Electro-Mecanique, 37 rue du Rocher, Paris 8, France

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Technika Chronika Technical Chamber of Greece, Kolokotron Street, Athens, Greece

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Technical Digest Western Electric Co., 195 Broadway, New York, N.Y, USA. Western Electric Co., Patent Organisation, Department 400, 555 Union Boulevard, Allentown, Pa. 18103, USA

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Technische Gemeinschaft (Germany) 108 Berlin, Kronenstrasse 18, Germany

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Tech. Mitt. AEG-Telefunken (Germany)
Technische Mitteilungen AEG-Telefunken Allgemeine Elektricitats Gesellschaft, Hohenzollerndamm 150, 1 Berlin 33, Germany

Tech. Mitt. Krupp Forschungsber. (Germany)
Technische Mitteilungen Krupp Forschungsberichte Fachbucherei Krupp, Postfach 917, Essen, Germany

Tech. Mitt. Krupp Werksber. (Germany)
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Technische Mitteilungen PTT (Bulletin Technique PTT, Bollettino Tecnico PTT) Generaldirectorate PTT, Speichergasse 6, 3000 Bern, Switzerland

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La Technique Moderne Espaces, 8 rue Colonel Moll, Paris 17, France

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Technische Uberwachung VDI-Verlag GmbH, Graf Recke Strasse 84, Postfach 1139, 4 Dusseldorf 1, Germany, Germany

Technica (Switzerland)
Technica E. Birkhauser, CH-4010 Basel 10, Switzerland

Technik (Germany)
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Technion Room 407, Senate House, Technion City Campus, Haifa, Israel

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Technology Reports of the Osaka University Faculty of Engineering, Osaka University, Yamada-Kami, Suita, Osaka 565, Japan

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Tecn. Ital. (Italy)
Tecnica Italiana Via Cesare Beccaria 7, 34133 Trieste, Italy

Tecnica (Portugal)
Tecnica Associacao dos Estudantes do Instituto Superior Tecnico, Av. Rovisco Pais, Lisboa-1, Portugal

Tectonophysics (Netherlands)
Tectonophysics Elsevier Publishing Co., P.O. Box 211, Amsterdam, Netherlands

Tegnikon (S. Africa)
Tegnikon Die Suid-Afrikaanse Akademie wir Wetenskap en Kuns, Engelenburghuis, Hamiltonstraat, Postbus 538, Pretoria, S. Africa

Tehnika (Yugoslavia)
Tehnika Beograd, Kneza Milosa 7/11,, Yugoslavia

Tek. Tidskr. (Sweden)
Teknisk Tidskrift svenska Teknologforeningen, Box 40058, 103 42 Stockholm 40, Sweden

Tek. Ukebl. (Norway)
Teknisk Ukeblad Norske Ingeniorforening og den Polytekniske Forening, Kronprinsensgate 17, Oslo 1, Norway

Tekh. Kibern. (USSR)
Tekhnicheskaya Kibernetika Akademiya Nauk SSSR, Leninskii Prosp. 14, Moskva, USSR [English translation in: *Eng. Cybern. (USA)*]

Tekh. Kino & Telev. (USSR)
Tekhnika Kino i Televideniya Leningradskii Prospekt 47, Moskva A-167, USSR

Tekh. Misul (Bulgaria)
Tekhnicheska Misul Bulgarska Akademija na Naukite, Kv. Geo Milev, Ul. 36, BAN, IV Blok, Sofia, Bulgaria

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Tele: Information from the Swedish Telecommunication Administration Marbackagatan 11, S-123 86 Farsta, Sweden

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Telecommunications (India)
Telecommunications Telecommunication Training Centre Building, Ridge Road, Jabalpur 6 (MP), India

Telecommunications (USA)
Telecommunications 610 Washington Street, Dedham, Mass. 02026, USA

Telecomunicazioni (Italy)
Telecomunicazioni Societa Italiana Telecomunicazioni Siemens s.p.a., 20149 Milano, Piazzale Zavattari 12, Italy

Telegr. & Telef. (Netherlands)
Telegraaf en Telefoon Vereniging van Hoger Personeel der PTT. Perestraat 187, Den Haag, Netherlands

Telektronikk (Norway)
Telektronikk Telegrafstyrets Bibliotek, Kongensgt. 21, Oslo, Norway

Teleph. Eng. & Manage. (USA)
Telephone Engineer and Management Brookhill Division, Ojibway Press, 402 West Liberty Drive, Wheaton, Ill. 60187, USA

Telesis (Canada)
Telesis Bell-Northern Research, P.O. Box 3511, Station 'C', Ottawa, Ontario, Canada

Teleteknik (Engl. Ed.) (Denmark)
Teleteknik (English Edition) 16 Kannikegade, DK 8000 Aarhus C, Denmark

Telettra (Italy)
Telettra Laboratori di Telefonia Elettronica e Radio, Via Trento 30, Vimercante, Milano, Italy

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Television Societe des Editions Radio, 9 Rue Jacob, Paris 6, France

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Telonde Thomson-CSF, BP 2000, 78-Versailles, France

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Selection of articles from any journal included in the list of Journals depends on the subject of the articles and their quality.

A number of these journals however are central to the INSPEC subject field and of a quality such that, virtually without exception, all articles are regularly abstracted. These journals are listed below.

Journals abstracted completely in Physics Abstracts

Acta Crystallogr. A (Denmark)
Acta Met. (USA)
Acta Phys. Austriaca
Acta Phys. Acad. Sci. Hung. (Hungary)
Acta Phys. Pol. A (Poland)
Acta Phys. Pol. B (Poland)
Acustica (Germany)
Adv. Phys. (GB)
Akust. Zh. (USSR)
Am. J. Phys. (USA)
Ann. Inst. Henri Poincare A (France)
Ann. Phys. (France)
Ann. Phys. (Germany)
Ann. Phys. (USA)
Appl. Opt. (USA)
Appl. Phys. Lett. (USA)
Astrofizika (USSR)
Astron. J. (USA)
Astrophys. J. (USA)
Astrophys. J. Lett. Ed. (USA)
Astrophys. J. Suppl. (USA)
Astrophys. Lett. (GB)
Astrophys. Space Sci. (Netherlands)
Aust. J. Phys. (Australia)
C. R. Hebd. Sean. Acad. Sci. B (France)
Can. J. Phys. (Canada)
Chem. Phys. Lett. (Netherlands)
Chin. J. Phys. (Taiwan)
Comput. Phys. Commun. (Netherlands)
Cosmic Electrodynamics (Netherlands)
Cryst. Lattice Defects (GB)
Czech. J. Phys.
Exp. Tech. Phys. (Germany)
Ferroelectrics (GB)
Fizika (Yugoslavia)
Fortschr. Phys. (Germany)
Helv. Phys. Acta (Switzerland)
High Temp. Sci. (USA)
Icarus (USA)
IEEE Trans, Nucl. Sci. (USA)
Indian J. Phys.
Indian J. Pure & Appl. Phys.
Indian J. Theor. Phys.
Int. J. Magn. (GB)
Int. J. Solids Structures (GB)
Int. J. Theor. Phys. (GB)
Izv. Akad. Nauk SSSR, Ser. Fiz.
Izv. VUZ Fiz. (USSR)
J. Acoust. Soc. Am. (USA)
J. Appl. Cystallogr. (Denmark)
J. Appl. Phys. (USA)
J. Atmos. & Terr. Phys. (GB)
J. Chem. Phys. (USA)
J. Cryst. Growth (Netherlands)
J. Math. Phys., New York (USA)
J. Mol. Spectrosc. (USA)
J. Opt. Soc. Am. (USA)
J. Phys. (France)
J. Phys. A (GB)
J. Phys. B (GB)
J. Phys. C (GB)
J. Phys. D (GB)
J. Phys. F. (GB)
J. Phys. & Chem. Solids (GB)
J. Phys. Soc. Jap. (Japan)
J. Plasma Phys. (GB)
Jap. J. Appl. Phys. (Japan)
JETP Lett. (USA)
Lett. Nuovo Cimento (Italy)
Mol. Phys. (GB)
Mon. Not. R. Astron. Soc. (GB)
Nucl. Fusion (Austria)
Nucl. Instrum. & Meth. (Netherlands)
Nucl. Phys. A (Netherlands)
Nucl. Phys. B (Netherlands)
Nuovo Cimento A (Italy)
Nuovo Cimento B (Italy)
Opt. Acta (GB)
Opt. & Spectroscop. (USA)
Optik (Germany)
Particle Accel. (GB)
Phil. Mag. (GB)
Phys. Fluids (USA)
Phys. Kond. Mater. (Germany)
Phys. Lett. A (Netherlands)
Phys. Lett. B (Netherlands)
Phys. Norv. (Norway)
Phys. Rev. A (USA)
Phys. Rev. B (USA)
Phys. Rev. C (USA)
Phys. Rev. D (USA)
Phys. Rev. Lett. (USA)
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Phys. Status Solidi a (Germany)
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Yad. Fiz. (USSR)
Z. Angew. Phys. (Germany)
Z. Naturforsch. a (Germany)
Z. Phys. (Germany)

Journals abstracted completely in Electrical & Electronics Abstracts or Computer & Control Abstracts

Acta Electron. (France)
Acta Polytech. Scandinavica, El.
Arch. Elektron. & Ubertragungstech. (Germany)
Arch. Elektrotech. (Germany)
Arch. Elektrotech. (Poland)
Autom. & Remote Contr. (USA)
Automatisme (France)
BBC Eng. (GB)
Bell Syst. Tech. J. (USA)
Commun. ACM (USA)
Comput. Biol. & Med. (GB)
Comput. J. (GB)
Comput. Progr. Biomed. (Netherlands)
Comput. Surv. (USA)
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Cybernetics (USA)
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Frequenz (Germany)
IBM Syst. J. (USA)
IEEE J. Quantum Electron. (USA)
IEEE J. Solid-State Circuits (USA)
IEEE Trans. Aerosp. & Electron. Syst. (USA)
IEEE Trans. Antennas & Propagation (USA)
IEEE Trans. Audio & Electroacoust. (USA)
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IEEE Trans. Prof. Commun. (USA)
IEEE Trans. Rel. (USA)
IEEE Trans. Sonics & Ultrasonics (USA)
IEEE Trans. Syst. Man & Cybern. (USA)
IEEE Trans. Vehicular Technol. (USA)
Inf. & Contr. (USA)
Int. J. Contr. (GB)
Int. J. Electron. (GB)
Izv. VUZ Radioelektron. (USSR)
J. Am. Soc. Inf. Sci. (USA)
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Marconi Rev. (GB)
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b	R S B	Б б	r	R S B	Р р
ch	R S B	Ч ч	s	R S B	С с
d	R S B	Д д	sh	R S B	Ш ш
e	R S B	Е е	shch	R	Щ щ
ë	R	Ё ё	sht	B	Щ щ
é	R	Э э	t	R S B	Т т
ê	R B	Ѣ ѣ	t'	R B	ТЬ ть
f	R S B	Ф ф	t'	S	Ћ ћ
g	R S B	Г г	th	R	Ѳ ѳ
i	R S B	И и	ts	R S B	Ц ц
ī	R	І і	t-s	R S B	ТС тс
ĭ	R B	Й й	u	R S B	У у
j	S	Џ џ	ŭ	B	Ъ ъ
j'	S	Ђ ђ	ū	B	Ѫ ѫ
k	R S B	К к	v	R S B	В в
kh	R S B	Х х	y	S	Ј ј
l	R S B	Л л	ȳ	R	Ы ы
l'	R B	ЛЬ ль	y̆	R	Ѵ ѵ
l'	S	Љ љ	ya	R B	Я я
m	R S B	М м	yu	R B	Ю ю
n	R S B	Н н	z	R S B	З з
n'	R B	НЬ нь	zh	R S B	Ж ж
n'	S	Њ њ	‘	R	Ъ ъ
o	R S B	О о	’	R B	Ь ь

The use of l', n' and t' in Russian and Bulgarian (where they are not transliterations of a single letter, but merely l, n or t followed by the soft sign) is included to emphasise the fact that they are used for single letters only in Serbian.

'Shch' and 'sht' invariably represent the letter Щ in Russian and Bulgarian, respectively, since the pairs of letters (ШЧ in Russian and ШТ in Bulgarian) seem never to occur consecutively in the respective languages.

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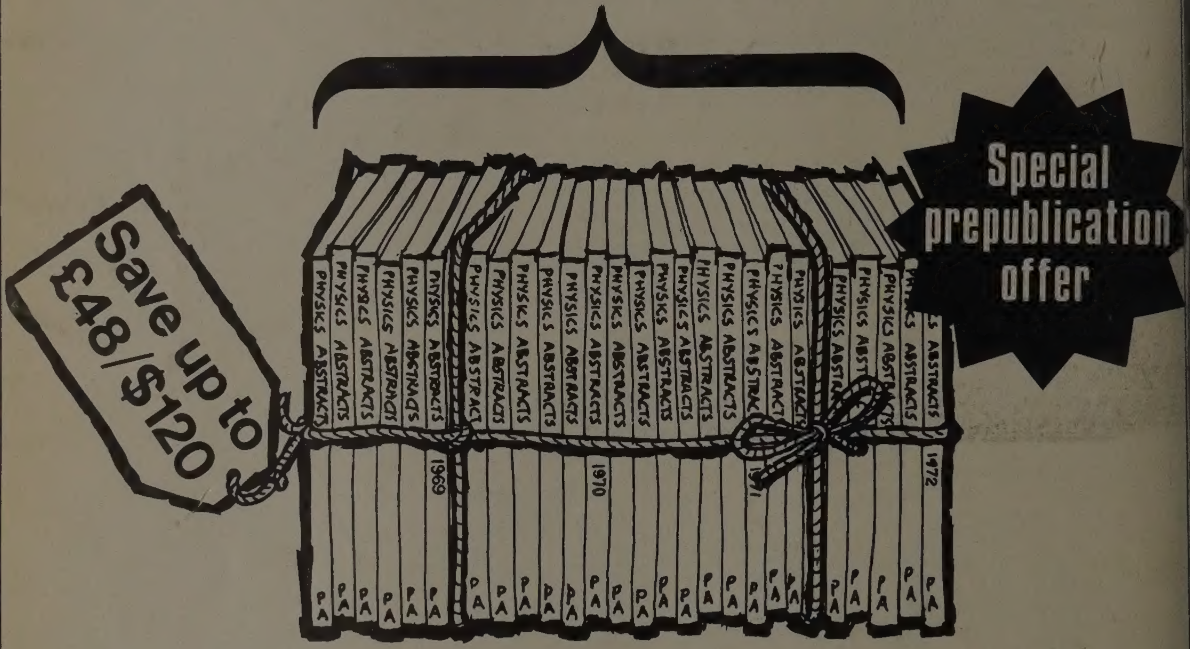

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